

# UK TYPE EXAMINATION CERTIFICATE

**Approved Body:** 0359      **Certificate Number:** UK-RER-121

**Applicant:** PANASONIC AUTOMOTIVE SYSTEMS EUROPE GMBH.  
Robert Bosch Str. 27-29, 63225 Langen, Germany

**Manufacturer:** Same as Applicant

**Product:** Headunit with radio and Bluetooth

**Model / Type Ref.:** MIB3E\_MQB37w\_BTWIFI  
Part number: 5FA.035.869, 5E3.035.869  
HW version: X85, X85  
SW version: X645, X495

**Technical Data / Rating:** 12VDC

**Intended Use:** Vehicle Purpose

**Network Interface:** N/A

**Frequency Range:** Bluetooth 4.2 EDR: 2402-2480 MHz  
802.11b/n: 2412-2472 MHz  
802.11a/n/ac: 5180-5240 MHz  
5745-5825 MHz  
AM BSR: MF  
FM BSR: VHF band II  
DAB BSR: VHF band III

**Transmitted Power:** Bluetooth 4.2 EDR: 4.9 dBm eirp  
802.11b/n: 13.8 dBm eirp  
802.11a/n/ac: 5180-5240 MHz: 5.6 dBm eirp  
5745-5825 MHz: 7.81 dBm eirp

**Communication Standard(s):** N/A

**Technical File No(s):** 21071073HKG-004

## Conclusions:

*The Approved Body certifies that this equipment has been found to comply with the essential requirements of the Radio Equipment Regulation 2017 whereby the objectives of Schedule 3 have been considered that the technical file properly demonstrates that the essential requirements of Chapter 1, clause 6-1, clause 6-2 of the Regulation have been met in respect of the above mentioned radio equipment. (See page 2 of this certificate for a summary of rationale)*

*It applies only to the product(s) submitted and as detailed in the Technical File (TF).*

*It does not imply that the Approved Body has performed any surveillance or control of the manufacture(s) unless otherwise stated.*

The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined equipment mentioned in this certificate.

The manufacturer shall inform the Approved Body of any modifications made to the examined product; this may lead to additional approval work resulting in cancellation, amendment and/or reissuance of this Type Examination Certificate.

Intertek Testing & Certification Limited  
Cleeve Road  
Leatherhead  
KT22 7SA

**Certification Officer:** David Legge **Issue Date:** 23/08/2021

**Signature:**



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**Rationale:** Applied harmonised standards under the Radio Equipment Regulation 2017

Regulation Reference	Standard	Technical reference
Chapter 1, Clause 6-1:(a)	EN 62368-1:2014 + AC:2015 + AC:2017 + A11:2017 EN 62311:2008	51929RSE.006A1
		51929RSE.004
		51929RAN.007
		51929RAN.013
Clause 6-1: (b)	EN 55032 (2015) / AC (2016) EN 55035 (2017) ETSI EN 301 489-1 V2.2.3 (2019-11) & ETSI EN 301 489-17 V3.2.4 (2020-09)	51929REM.011
		51929REM.017
		66930REM.008
		66930REM.009
Clause 6-2:	ETSI EN 300 328 v2.2.2 (2019-07) ETSI EN 301 893 v2.1.1 (2017-05) ETSI EN 300 440 v2.2.1 (2018-07) ETSI EN 303 345-1 V1.1.1 (2019-06) ETSI EN 303 345-2 V1.1.1 (2020-02) Draft ETSI EN 303 345-3 V1.1.0 (2019-11) Draft ETSI EN 303 345-4 V1.1.0 (2019-11)	51929RRF.011
		51929RRF.024
		51929RRF.003
		66605RRF.002A2
		51929RRF.005
		51929RRF.012
		51929RRF.025
		51929RRF.006
		51929RRF.013
		51929RRF.026
		66930RRF.001
66930RRF.002		
66930RRF.003		

## Limitations:

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<sup>1</sup>A UKAS accredited certification body No. 0010.